

Oil Field Environmental Incident Summary

Incident: 20141204101505 **Date/Time of Notice:** 12/04/2014 10:15

Responsible Party: BERENERGY CORPORATION

Well Operator: BERENERGY CORPORATION

Well Name: MARTHA THOMPSON 4

Field Name: GLENBURN

Well File #: 2696

Date Incident: 12/2/2014 **Time Incident:** 04:00

Facility ID Number:

County: RENVILLE

Twp: 158

Rng: 81

Sec: 7

Qtr: NE SE

Location Description: A small volume of brine sprayed onto the topsoil in a cultivated field just outside the diked area around this well.

Submitted By: William Braden

Received By:

Contact Person: William Braden
7114 W JEFFERSON AVE STE 206
LAKEWOOD, CO 80235

General Land Use: Cultivated

Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
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Oil

Brine	8	Barrels
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Other

Description of Other Released Contaminant:

Inspected:

Written Report Received:

Clean Up Concluded:

Risk Evaluation:

None

Areal Extent:

1 acre of ground possibly effected outside of the dike

Potential Environmental Impacts:

Salt impacted soil

Action Taken or Planned:

A small amount of brine sprayed out of the broken wellhead and across the dike around this location into the surface owner's field. By the time a vacuum truck or hot oiler could be contracted to pick up the liquid that initially pooled up within the dike it had soaked into the ground. There was never any standing water outside of the diked area but the area where water had sprayed was visible although it was impossible to estimate a volume of brine. It was estimated that 8 bbls of brine was contained within the dike and we hope to recover 2 barrels today if we can get a truck out there. The well appears to have quit pumping/flowing very shortly after the electrical system was disconnected by the truck collision based on the volume of brine on the ground. Berenergy is currently pushing topsoil from surface owner's field onto the road near the well site to avoid salt damage in the field. This is being done with the surface owner on site. This topsoil will be moved to the well site once the last 2 barrels of brine are picked up and assessed along with the topsoil inside the dike. Any salt impacted soil will be disposed of at an approved landfill. Berenergy will monitor any leaching into the surface owner's field and will take future remediation measures as necessary.

Wastes Disposal Location: Prairie Disposal, Tioga, ND

Agencies Involved: NDIC Oil and Gas Division - Jason Hicks

Updates

Date: 12/4/2014 **Status:** Reviewed - Follow-up Required

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release, due to an on-location pipeline leak, sprayed off location according to the report. Followup is necessary.

Date: 12/11/2014 **Status:** Inspection

Author: Kangas, Kathleen

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

On site and spoke to landowner. Topsoil affected. Took soil probe readings at depth of 3 inches. In apparent unimpacted area, recorded a reading of 202 uS/cm. In apparent impacted areas, readings range from 11.4mS/cm to 56.0 mS/cm. Impact areas are mostly NE of pipeline equipment and extending (rough estimate) 100 feet to the NE and 40 feet wide. Took two soil samples (one unimpacted, one impacted). Cleanup has occurred, but contamination appears to remain. Left voice mail for company representative while on site. Awaiting call back to find out about cleanup plan. Followup is necessary.

Date: 10/1/2015 **Status:** Correspondence

Author: Kangas, Kathleen

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Spoke to landowner and company rep. Company has hired environmental consulting firm to resample. A report has been received by Berenergy and remediation plans are underway. Company rep will be contacting landowner to show him the work plan. Env. Consulting firm recommends excavating 0.5 acres which will be started soon. All brine impacted soil is expected to be removed.